MISC

MEMORANDUM

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PA 80-A
8-63

TO: Mr. Herbert A. Tessler, Supervisor -- Functional Coordination
FROM: Irv Soffer
DATE: March 15, 1965
SUBJECT: WORLD TRADE CENTER -- TRUSS FIREPROOFING

REFERENCE:

COPY TO: Messrs. L. Feld, M. Levy

On February 16, 1965, I visited the Research Center of the Zonolite Division of the W. R. Grace Co., at Travelers Rest, South Carolina, to discuss the latest developments in "Mono-Kote" spray fireproofing for The World Trade Center floor trusses. This material is a cementitious vermiculite-gypsum spray which has been used for structural steel floor systems and decking.

In view of the competitive position of this material for the fireproofing of the floor trusses in the towers, they have been studying and testing various mixes, sprays, and field trials, which will provide the most efficient application for them.

The purpose of the visit was to observe their latest techniques at the Center. They had built a simulated World Trade Center truss for their testing program. They demonstrated their spray techniques. By laboratory measurements, the amount of material applied and material overspray was determined.

We worked out some typical contract areas, including trusses and bracing, in order for them to be able to estimate some quantities. Based on their latest findings, they were able to cut their budget costs (submitted one year ago) to approximately one half.

Irv Soffer
The World Trade Center

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